



## UIC Stormwater Well Registration Form County and City Roads and Parking Residential Subdivisions

Please send completed form to: UIC Coordinator, Water Quality Program,  
WA Department of Ecology, P.O. Box 47600, Olympia, WA 98504-7600.

### A. Contact information

#### Well owner

Name \_\_\_\_\_

Organization \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

#### Technical contact person (engineer, contractor, consultant)

Name \_\_\_\_\_

Organization \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

### B. Protecting water resources

Are the UIC wells located in a groundwater protection area? ☐ Yes ☐ No

If yes:

☐ Well head protection zone

☐ Critical Aquifer Recharge Area

☐ Other (explain) \_\_\_\_\_

**If your UIC well is in a Well Head Protection Area, Critical Aquifer Recharge Area, or other groundwater protection area, your local government may have additional ordinances or requirements.**

### C. For municipalities or counties with NPDES stormwater permits:

Has an NPDES stormwater permit been issued for your municipality? ☐ Yes ☐ No

If yes, for existing wells apply the NPDES stormwater program requirements to your UIC wells to meet the UIC program well assessment requirement and best management practices. For new wells built after 2/3/2006, follow the *Technical Guidance for UIC Wells that Manage Stormwater*, for design criteria (or your local approved manual if UIC well design is covered).

**NPDES permit number:** \_\_\_\_\_

If you need this publication in an alternate format, please call the Water Quality Program at 360-407-6404. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

**Table 1: Complete Table 1 for all UIC wells**

	1	2	3	4	5	6	7
Well ID name or number							
Construction Date							
Latitude (decimal format)							
Longitude (decimal format)							
<sup>1</sup> EPA well type (see table below)							
Status ( <u>A</u> ctive, <u>U</u> nused, <u>C</u> losed, <u>P</u> roposed)							
<sup>2</sup> UIC construction type							
Depth of UIC well							
Within 1000 feet of surface water?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 100 feet of a drinking water well?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Zoning (Commercial, Residential, Industrial, Other (describe))							

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**<sup>1</sup>EPA Class V well types**

5A19 Cooling water return	5A6 Geothermal heat	5W11 Septic system (gen)	5A7 Closed loop heat pump return
5D2 Stormwater	5R21 Aquifer recharge	5W20 Industrial process water	5X26 Aquifer remediation
5D4 Industrial storm runoff	5W9 Untreated sewage	5W31 Septic system (well disposal)	5X27 Other wells
5G30 Special drainage water	5W10 Cesspool	5W32 Septic system (drainfield)	5X28 Motor vehicle waste

**<sup>2</sup>Well construction type abbreviations:** DW - drywell; DF – drainfield; IT - infiltration trench with perforated pipe, O - other (describe)

**Table 2: For UIC stormwater wells constructed on or after 2/3/2006.**

Ecology will determine rule authorization for new UIC wells with the information collected in table 2. This section applies to UIC stormwater wells that receive stormwater containing solids, metals, or oil only.

	1	2	3	4	5	6	7
Well ID name or number							
At least five feet between the well and the water table?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
Treatment capacity of the vadose zone from Table 7.2 <sup>1, 2</sup>	<input type="checkbox"/> None <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> None <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> None <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> None <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> None <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> None <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> None <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
Pollutant loading classification from Table 7.3 <sup>1</sup>	<input type="checkbox"/> Insignificant <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Insignificant <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Insignificant <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Insignificant <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Insignificant <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Insignificant <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High	<input type="checkbox"/> Insignificant <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
Pretreatment from Table 7.4 <sup>3</sup>	<input type="checkbox"/> None <input type="checkbox"/> Two-stage drywell <input type="checkbox"/> Remove solids <input type="checkbox"/> Remove oil <input type="checkbox"/> Remove solids & oil	<input type="checkbox"/> None <input type="checkbox"/> Two-stage drywell <input type="checkbox"/> Remove solids <input type="checkbox"/> Remove oil <input type="checkbox"/> Remove solids & oil	<input type="checkbox"/> None <input type="checkbox"/> Two-stage drywell <input type="checkbox"/> Remove solids <input type="checkbox"/> Remove oil <input type="checkbox"/> Remove solids & oil	<input type="checkbox"/> None <input type="checkbox"/> Two-stage drywell <input type="checkbox"/> Remove solids <input type="checkbox"/> Remove oil <input type="checkbox"/> Remove solids & oil	<input type="checkbox"/> None <input type="checkbox"/> Two-stage drywell <input type="checkbox"/> Remove solids <input type="checkbox"/> Remove oil <input type="checkbox"/> Remove solids & oil	<input type="checkbox"/> None <input type="checkbox"/> Two-stage drywell <input type="checkbox"/> Remove solids <input type="checkbox"/> Remove oil <input type="checkbox"/> Remove solids & oil	<input type="checkbox"/> None <input type="checkbox"/> Two-stage drywell <input type="checkbox"/> Remove solids <input type="checkbox"/> Remove oil <input type="checkbox"/> Remove solids & oil
Pretreatment selected from stormwater manual <sup>2</sup> (catch basin, swale, etc.)							

<sup>1</sup>Western Washington stormwater manual: <http://www.ecy.wa.gov/programs/wq/stormwater/manual.html>

Eastern Washington stormwater manual: <http://www.ecy.wa.gov/biblio/0410076.html>

<sup>1</sup> For these tables and how to use them, see the *Guidance for UIC Wells that Manage Stormwater*: <http://www.ecy.wa.gov/biblio/0510067.html>

<sup>2</sup> The minimum thickness requirements from this table must be met along with the type of vadose zone material. The vadose zone is the zone between the top of the water table and the land surface.

<sup>3</sup> See the western or eastern stormwater manual for pre-treatment to remove solids and oil.

**Signature of authorized representative**

I hereby certify that the information contained in this registration is true and correct to the best of my knowledge.

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Name of legally authorized representative

Title

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Signature of legally authorized representative

Date

For Department Use Only	
Site ID:	
Date received:	
Date acknowledged:	
Date entered:	
Final disposition:	

## Instructions for completing the UIC Stormwater Well Registration Form County and City Roads and Parking, Residential Subdivisions

### A. Contact Information

#### Well Owner

Provide the name of the owner of the (i.e. Spokane County), and include the complete address and phone number. well

#### Technical Contact

Provide the name, or Program, address and telephone number in case there are any questions about this registration.

### B. Protecting water resources

Check whether the UIC wells are located in a Ground water Protection Area:

Examples of ground water protection areas;

- A well head protection area is a designated area around a drinking water well to help protect the drinking water supply from contamination. Contact your local health jurisdiction to determine if your UIC wells are located in a well head protection area.
- A critical aquifer recharge area (CARA) is defined as the geographic areas "where an aquifer that is a source of drinking water is vulnerable to contamination that would affect its use. Contact your county or city planning department for more information.

### C. For municipalities or counties with National Pollutant Discharge Elimination System stormwater permits:

- Check whether the owner is a municipality issued a NPDES permit.
- If a NPDES permit has been issued provide the permit number.

#### Table 1: Complete for all UIC wells

- Well ID: Provide your identification number for the well.
- Construction Date: Provide the approximate date the well was installed.
- Latitude and longitude: Enter the latitude and longitude in decimal form for each UIC well. One way to obtain the latitude and longitude is at [http://www.epa.gov/tri/recomport/siting\\_tool/](http://www.epa.gov/tri/recomport/siting_tool/). Click on the "locate by address" link. Then click on the map where the UIC wells are located.
- EPA well type: EPA well types are listed in the table 1 below.
- Status: Active is the well is in use; unused is well is not in use, closed, or proposed is the well is in the design phase.
- Construction Type: Provide the well construction type and use the following abbreviations: DW - Drywell; DF – Drainfield; IT - Infiltration Trench with Perforated Pipe, O – Other (describe).
- Well depth: Provide the approximate well depth.
- Check off if the UIC well is within 1000 ft of a surface water body, such as a lake, river, or stream.
- Check off if the UIC well is within 100 feet of a drinking water well.
- Zoning: Provide the local zoning status of the area where the UIC wells are located.

#### Table 2: Complete for UIC wells in use after 2/3/06

Table 2 has to be completed for UIC wells that are in use **after 2/3/06**. If a UIC well is used to manage stormwater from an area where hazardous substances are used, stored or handled; such as a fueling area, or where pesticide containers or vehicular fluids are stored you must complete the registration form for industrial or commercial facilities.

Additional information on table 2 questions can be found in the document, *Guidance for UIC Wells that Manage Stormwater*, and located at: <http://www.ecy.wa.gov/biblio/0510067.html>. If you do not have access to the internet see contact information at the end of the page for assistance.

- Well ID name or number: Enter your identification name or number.
- Check whether a five feet separation between the bottom of the UIC well and the top of the water table exists: Use site specific information if available or visit Ecology's Water Resource Well Log Viewer and find a water resource well within ¼ of the site at <http://apps.ecy.wa.gov/welllog/> to determine the water table elevation in your area.
- Treatment capacity and minimum thickness is verified by either; on site information or by visiting Ecology's Water Resource Well Log Viewer and finding a water resource well within ¼ of the site at <http://apps.ecy.wa.gov/welllog/> to determine the vadose zone material at your site.

- Pollutant load of your facility is determined by reviewing the land use around the well or the average daily traffic volume.
- Pretreatment is dependent on how the two prior questions were answered. Table 7.4, in *Guidance for UIC Wells that Manage Stormwater*, must be used to answer this question.
- Selection of pretreatment (if required): Refer to either the Stormwater Management Manual for Eastern or Western Washington depending on the location of the UIC well, <http://www.ecy.wa.gov/programs/wq/stormwater/tech.html>.

**Signature of authorized representative.**

The legal representative of the wells must complete this section.

If you have questions about this form contact:

Mary Shaleen Hansen  
WA State Dept of Ecology  
Water Quality Program  
(360)407-6143 or by email at [maha461@ecy.wa.gov](mailto:maha461@ecy.wa.gov)